

FIG 1A  
PRIOR ART

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$$\phi(\vec{x}) = \sum_{i>j} w_{ij}(x_i - x_j)^2$$

FIG 1B

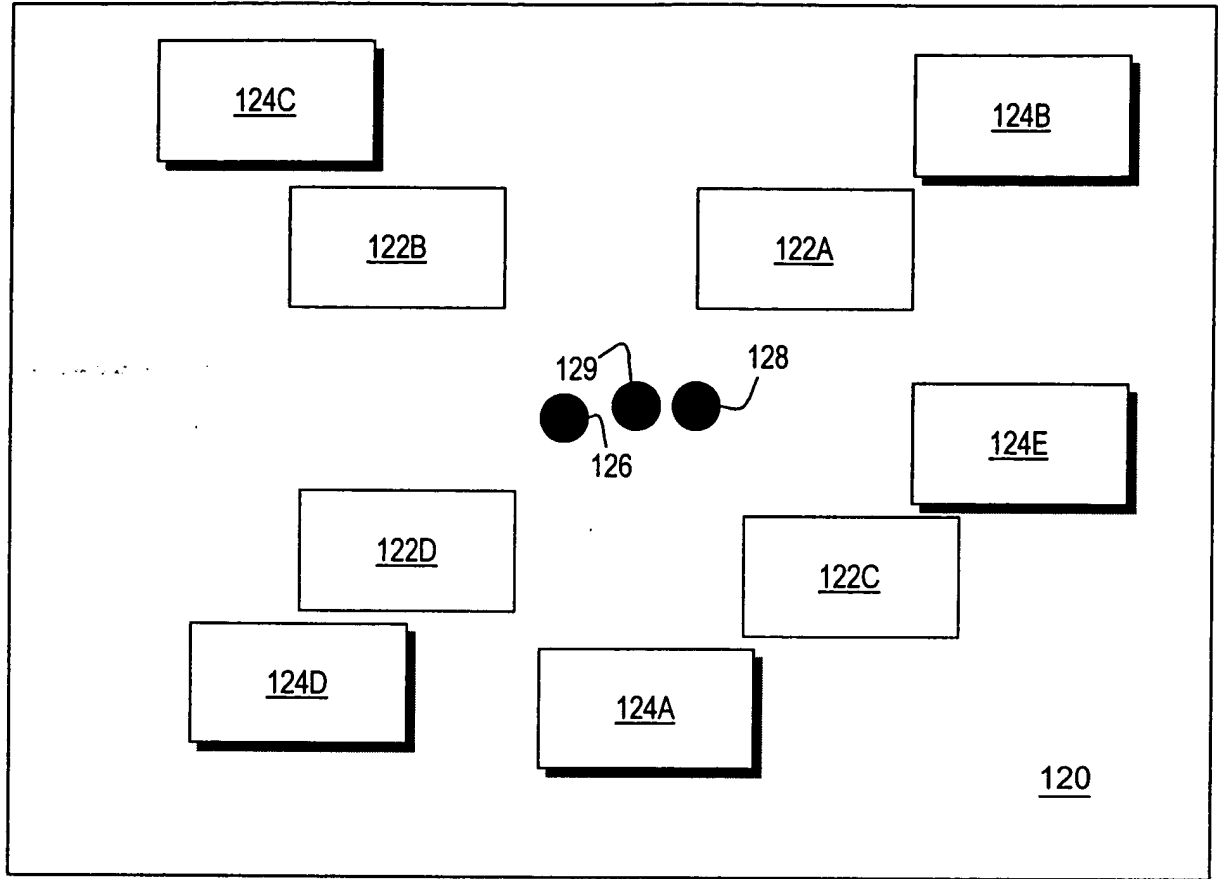


FIG 2A

$$\begin{aligned}
 &111A \quad \left( \sum_{i \in \text{latched objects}} (size_i)(x_i) \right) / \left( \sum_{i \in \text{latched objects}} (size_i) \right) = X_u \\
 &111B \quad \left( \sum_{j \in \text{non-latched objects}} (size_j)(x_j) \right) / \left( \sum_{j \in \text{non-latched objects}} (size_j) \right) = X_u
 \end{aligned}$$

FIG 2B

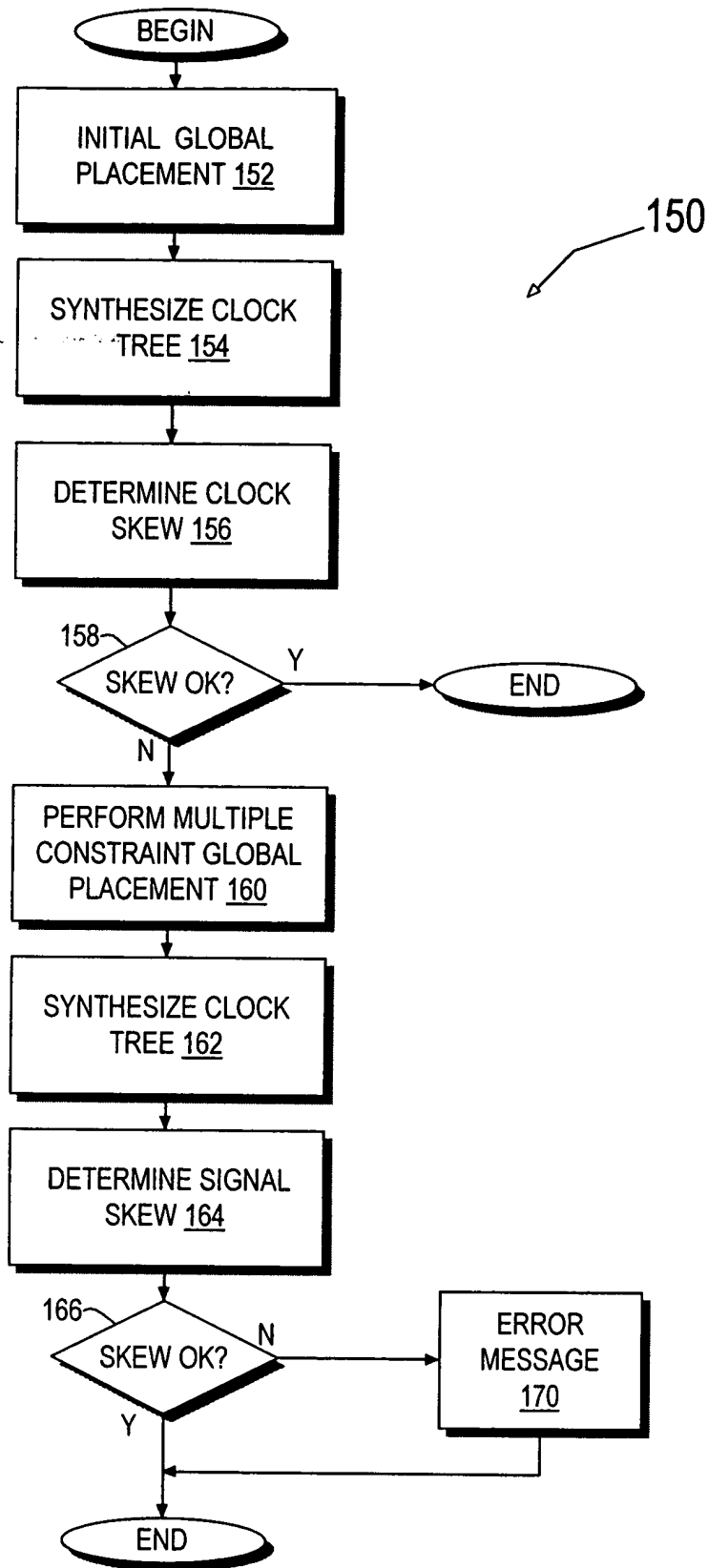


FIG 3